

## TECHNICAL DATA SHEET

### SX CONTRACTORS LMN SILICONE

A one component neutral cure silicone, which can be used for sealing most building, construction and glazing joints. This sealant is almost odourless and cures with atmospheric moisture to form a durable permanent rubber seal.

#### USES

Sealing joints and perimeter pointing around all types of window and door frames. It will adhere to most common building materials such as PVCu, aluminium and painted wood.

**COLOURS:** White, Clear, Brown, Bronze, Oak/ Caramel, Rosewood/ Black Cherry

**PACKAGING:** 300ml cartridge packed 1 x 25

#### PREPARATION

Surfaces must be clean, dry and free from grease or dust. Old silicone can be removed by using SX Silicone Remover.

#### APPLICATION

Gun silicone firmly into joint to provide a solid fill. If required place masking tape along joint edges removing within 5 minutes of application.

#### FINISHING

Always tool using a spatula or stick wetted with neutral soapy water within 5 minutes of application. It is the user's responsibility to dispose of all packaging correctly.

#### HEALTH AND SAFETY

##### HARMFUL

Contains 2-butanone oxime. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Keep out of the reach of children. Wear suitable protective clothing and gloves. If swallowed, seek medical advice immediately and show this container or label. Dispose of this material and its container to hazardous or special waste collection point.

## SX CONTRACTORS LMN SILICONE TECHNICAL DATA SHEET CONTINUED

### LIMITATIONS

Among others not recommended for aquaria, PMMA, PE, PP, Teflon and bituminous surfaces and wax or paraffin containing surfaces. Not recommended for direct contact with the perimeter of insulation glass and the edges of laminated safety glass. On porous substrates like concrete and brickwork, depending on porosity, a primer may be necessary. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

### LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Siroflex Limited cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	SX CONTRACTORS LMN SILICONE
Basis		oxim silicone
Application temperature	°C	+5/ +40
Application rate	g/min	500
Flow	mm	<2
Density	g/ml	0,98
Skin over time	min	5
Frost resistant till -15°C during transport		yes
Shelf life between +5°C and +25°C	month	12
Paintable after curing		no
Joint movement capability	%	+25
Temperature resistance after curing	°C	-40/ +120
<i>Mechanical properties</i>		
<i>2mm film</i>		
Shore-A hardness		16
100% Modulus	MPa (N/mm <sup>2</sup> )	0.35
Tensile strength	MPa (N/mm <sup>2</sup> )	1.10
Elongation at break	%	450
<i>Joint dimensions</i>		
Minimum width	4mm	
Maximum width	25mm	
Joint connection	4-8mm	6mm
	10-12mm	8mm
	14-16mm	10mm
	18-20mm	12mm
	22-24mm	14mm

### QUANTITY ESTIMATOR

Width x depth of joint x length (in linear metres) of joint, divide this by the volume of tube in ml = number of cartridges required.

For full health and safety data information, please contact our technical department by telephone or email to [technical@siroflex.co.uk](mailto:technical@siroflex.co.uk)